Docket No.: AH-RUBC:021US (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Jonathon H. Pinter et al.

Application No.: 10/797,333

Filed: March 8, 2004 Art Unit: N/A

For: IN VITRO DNA IMMORTALIZATION AND WHOLE GENOME AMPLIFICATION USING LIBRARIES GENERATED FROM RANDOMLY FRAGMENTED DNA

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the first Office Action on the merits has been received.

A copy of each reference on the PTO/SB/08 is attached, except for the non-U.S. patent or non-U.S. patent applications which are marked with a double asterisk (**) next to the Cite No. in the attached form PTO/SB/08.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR

1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 06-2375, under Order No. AH-RUBC:021US. A duplicate copy of this paper is enclosed.

Dated: June 17, 2004

Respectfully submitted,

By _____

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PTO/SB/08A (10-01)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Complete if Known	
Application Number	10/797,333
Filing Date	March 8, 2004
First Named Inventor	Jonathon H. Pinter
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	AH-RUBC:021US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA**	US-20020042059-A1	04-11-2002	Makarov, Vladimir, et al.	
	AB**	US-20030082556-A1	05-01-2003	Kaufman, Joseph C., et al.	
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	AD**	US-6,621,782	09-16-2003	Nakane, Kazuhiko et al.	
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	AK**	US-6,114,149	09-05-2000	Fry, Kirk	
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	AO**	US-20030143599-A1	07-31-2003	Makarov, Vladimir, et al.	
	AP**	US-60/453,060		Pinter, Jonathan, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3]-Number[4]-Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	BA	WO-00/17390	03-30-2000	Klein, Christoph, et al.		
	BB	JP-8173164A2				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	CA	Chang, K.S., et al.; (1992) PCR amplification of chromosome-specific DNA isolated from flow cytometry-sorted chromosomes. Genomics, 12:307-312.	
	CB	Hadano, S., et al.; (1991) Laser microdissection and single unique primer PCR allow generation of regional chromosome DNA clones from a single human chromosome. Genomics, 11:364:373.	
	CC	Kao, F.T., et al.; (1991) Chromosome microdissection and cloning in human genome and genetic disease analysis. Proc. Natl. Acad. Sci. USA, 88:1844-1848.	
	CD	Kinzler, K. W., et al.; (1989) Whole genome PCR: application to the identification of sequences bound by gene regulatory proteins. Nucleic Acid. Res., 17:3645-3653.	
	CE	Klein, C.A., et al.; (1999) Comparative genomic hybridization, loss of heterozgosity, and DNA sequence analysis of single cells. Proc. Natl. Acad. Sci. USA , 96:4494-4499.	

25424981.1 Examiner		Date Considered	

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Sheet	2	of	2	Attorney Docket Number	AH-RUBC:021US

	CF	Ko, M.S.H., et al.; (1990) Unbiased amplification of highly complex mixture of DNA fragments by 'lone linker'-tagged PCR. Nucleic Acids Res., 18:4293-4294.	
	CG	Lisitsyn, N., et al.; (1993) Cloning the differences between two complex genomes. Science, 259:946-951.	
	CH	Lucito, R., et al.; (1998) Genetic analysis using genomic representations. Proc. Natl. Acad. Sci. USA, 95:4487-4492.	
	CI	Miyashita, K., et al.; (1994) A mouse chromosome 11 library generated from sorted chromosomes using linker-adapter polymerase chain reaction. Cytogenet. Cell Genet., 66:454-57.	
	CJ	Saunders, R.D.C., et al.; (1989) PCR amplification of DNA microdissected from a single polytene chromosome band: A comparison with conventional microcloning. Nucleic Acids Res., 17:9027-9037.	
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	CL	Smith, Douglas R., (1992) Ligation-mediated PCR of restriction fragments from large DNA molecules. 2(1):21-7.	
	CM	Tanabe, C., et al.; (2003) Evaluation of a whole-genome amplification method based on adaptor-ligation PCR of randomly sheared genomic DNA. Genes, Chromosomes & Cancer, 38:168:176.	
	CN	VanDevanter, D.R., et al.; (1994) Pure chromosome-specific PCR libraries from single sorted chromosome. Proc. Natl. Acad. Sci. USA, 91-5858-5862.	
	CO	Vooijs, M., et al. (1993) Libraries for each human chromosome, constructed from sorter-enriched chromosomes by using linker-adaptor PCR. Am. J. Hum. Genet., 52:586-597.	
	CP	Invitrogen Corporation, Carlsbad, California 92008 (1999-2002) TOPO TA Cloning. Version P 051302 / 25-0184, pp. 1-32.	
	CQ	Guilfoyle, Richard A., et al.; (1997) Ligation-mediated PCR amplification of specific fragments from a Class-II restriction endonuclease total digest. Nucleic Acids Res. 25(9):1854-1858.	

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